

Inspectorate America
104 Thadeus Street
South Portland, Maine 04106
(207)767-1711



QUALITY CERTIFICATE

Vessel	TRANSFER	Port	PORTSMOUTH, NH	Report	PL05-199
Customer	SPRAGUE ENERGY	Date	March 20, 2005	Reference	
Operation	ANALYSIS	Terminal	SPRAGUE GOSLING RD	Sample #	891863

Name of material being tested
Description of sample source
Samples Drawn by (company)
Samples Tested by (company)

#2 FUEL OIL

TANK 3

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Tests being Performed	Test method	Sample Results
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GRAVITY, API	ASTM D 4052	31.8
FLASH POINT, F.	ASTM D 93A	158
SULPHUR, % WT.	ASTM D 4294	0.191
VISCOSITY, CST 104F	ASTM D 445	2.812
DISTILLATION, F.	ASTM D 86	
	INITIAL BOILING POINT	348.4
	10% EVAPORATED	420.1
	50% EVAPORATED	513.5
	90% EVAPORATED	617.6
	FINAL BOILING POINT	672.5
	RECOVERED	97.6
	RESIDUE	1.6
	LOSS	0.8
CLOUD POINT, F.	ASTM D 2500	+6.8
POUR POINT, F.	ASTM D 97	-11.2
WATER & SEDIMENT, %VOL	ASTM D 2709	0.025
CETANE INDEX	ASTM D 976	42.5
CONDUCTIVITY, PS	ASTM D 2624	24 @ 40F
COLOR, ESTIMATED, FILTERED	ASTM D 6756	2.5
DYE CONCENTRATION, FILTERED	ASTM D 6756	
	PTB	4.6
	PPM	13.1

SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES THAT MAY ARISE FROM CUSTOMER'S USE OF THIS INSPECTION REPORT/ANALYSIS.

DAVID CAWOOD

Inspectorate America Corp (Portland Me.)